

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061242.D
 Acq On : 1 May 2020 19:46
 Operator : JC/MD
 Sample : L2468-06MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-GW-803-805MS

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:58:02 PM

Quant Time: May 04 04:53:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	111150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	189834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	180119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86115	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.55	113	53466	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.06	98	238262	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.38	95	89242	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57833	49.067	ug/l	100
3) Chloromethane	2.03	50	85849	60.139	ug/l	99
4) Vinyl Chloride	2.16	62	85234	52.569	ug/l	98
5) Bromomethane	2.53	94	34830	43.458	ug/l	100
6) Chloroethane	2.67	64	50560	49.198	ug/l	97
7) Trichlorofluoromethane	2.98	101	103513	56.588	ug/l	99
8) Diethyl Ether	3.37	74	44602	58.456	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	61242	51.968	ug/l	100
10) Methyl Iodide	3.91	142	70374	46.467	ug/l	98
11) Tert butyl alcohol	4.73	59	61954	262.967	ug/l	99
12) 1,1-Dichloroethene	3.70	96	61519	52.458	ug/l	99
13) Acrolein	3.56	56	40185	255.952	ug/l	100
14) Allyl chloride	4.28	41	135090	62.127	ug/l	94
15) Acrylonitrile	4.93	53	210135	290.555	ug/l	99
16) Acetone	3.77	43	180816	266.190	ug/l	98
17) Carbon Disulfide	4.01	76	157342	48.570	ug/l	100
18) Methyl Acetate	4.27	43	104923	47.298	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	230251	51.383	ug/l	98
20) Methylene Chloride	4.50	84	73201	53.377	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	67942	53.205	ug/l	99
22) Diisopropyl ether	5.90	45	281845	55.896	ug/l	97
23) Vinyl Acetate	5.84	43	1025412	252.565	ug/l	99
24) 1,1-Dichloroethane	5.80	63	141964	53.886	ug/l	98
25) 2-Butanone	6.79	43	286809	275.592	ug/l	99
26) 2,2-Dichloropropane	6.78	77	101110	45.565	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	78776	52.568	ug/l	100
28) Bromochloromethane	7.15	49	68810	55.105	ug/l	94
29) Tetrahydrofuran	7.17	42	197086	281.134	ug/l	96
30) Chloroform	7.33	83	134355	50.324	ug/l	99
31) Cyclohexane	7.62	56	124991	48.853	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	114600	49.294	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100819	53.054	ug/l	99
37) Ethyl Acetate	6.88	43	114345	51.326	ug/l	99
38) Carbon Tetrachloride	7.73	117	85433	49.307	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	107631	50.504	ug/l	98
40) Benzene	8.00	78	303056	53.529	ug/l	99
41) Methacrylonitrile	7.13	41	55930	60.466	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	109839	51.212	ug/l	99
43) Isopropyl Acetate	8.13	43	190724	51.584	ug/l	100
44) Trichloroethene	8.80	130	74533	48.699	ug/l	100
45) 1,2-Dichloropropane	9.08	63	83541	55.233	ug/l	97
46) Dibromomethane	9.17	93	49818	53.195	ug/l	99
47) Bromodichloromethane	9.37	83	106695	53.079	ug/l	98
48) Methyl methacrylate	9.17	41	92028	55.159	ug/l	97
49) 1,4-Dioxane	9.17	88	20528	1083.923	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	608111	279.425	ug/l	100
52) Toluene	10.12	92	182911	53.638	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	116322	51.357	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	121797	50.864	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	72214	53.091	ug/l	98
56) Ethyl methacrylate	10.40	69	115328	48.730	ug/l	98
57) 1,3-Dichloropropane	10.68	76	129138	54.013	ug/l	99
59) 2-Hexanone	10.72	43	445606	281.442	ug/l	100
60) Dibromochloromethane	10.87	129	73467	51.570	ug/l	100
61) 1,2-Dibromoethane	10.98	107	71982	52.799	ug/l	99
64) Tetrachloroethene	10.60	164	74929	48.031	ug/l	99
65) Chlorobenzene	11.41	112	182594	51.104	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	66694	52.154	ug/l	98
67) Ethyl Benzene	11.49	91	351778	52.594	ug/l	100
68) m/p-Xylenes	11.60	106	256568	104.798	ug/l	98
69) o-Xylene	11.92	106	122971	52.291	ug/l	99
70) Stvrene	11.94	104	209948	53.341	ug/l	99
71) Bromoform	12.10	173	49745	52.929	ug/l #	99
73) Isopropylbenzene	12.22	105	332564	50.988	ug/l	99
74) N-amyl acetate	12.05	43	162755	49.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	107326	52.772	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	97304m	52.020	ug/l	
77) Bromobenzene	12.50	156	76742	50.969	ug/l	98
78) n-propylbenzene	12.57	91	400357	51.751	ug/l	100
79) 2-Chlorotoluene	12.65	91	233430	51.335	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	280936	52.042	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	36606	49.698	ug/l	98
82) 4-Chlorotoluene	12.75	91	249138	51.984	ug/l	98
83) tert-Butylbenzene	12.97	119	231960	50.959	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	281640	50.639	ug/l	100
85) sec-Butylbenzene	13.15	105	320592	51.659	ug/l	99
86) p-Isopropyltoluene	13.26	119	286009	51.151	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	139966	50.497	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	139928	49.409	ug/l	99
89) n-Butylbenzene	13.59	91	262291	51.169	ug/l	100
90) Hexachloroethane	13.85	117	31605	53.551	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	134755	50.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21467	49.978	ug/l	99
93) 1,2,4-Trichlorobenzene	14.89	180	79377	49.047	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	35476	52.470	ug/l	96
95) Naphthalene	15.11	128	253853	48.164	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	77946	48.782	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

